

ABSTRACT

5 A service architecture for the rapid development of next generation telephony
 services that overcomes the limitations of the current closed PSTN architecture and
 service model. In this architecture services are provided by multiple cooperating
 distributed service providers. This architecture is built upon an object-oriented call
 model which is defined as a small set of extensions to the standard Java Telephony
 10 API call model. This new object-oriented call model hides the detail of the
 underlying call-state management protocols and hardware from applications.